

-1-

SEQUENCE LISTING

<110> Sterrenbeld Biotechnologie North America, Inc.

Carcagno, Carlos Miguel

Criscuolo, Marcelo

Melo, Carlos

Vidal, Juan Alejandro

<120> Host Cells Expressing Recombinant Human Erythropoietin

<130> 1792.002PC02

<140>

<141>

<150> AR 99-01-00679

<151> 1999-02-23

<150> AR 98-01-05609

<151> 1998-11-06

<160> 5

<170> PatentIn Ver. 2.0

<210> 1

<211> 165

<212> PRT

<213> Homo sapiens

<400> 1

Ala Pro Pro Arg Leu Ile Cys Asp Ser Arg Val Leu Glu Arg Tyr Leu

1

5

10

15

Leu Glu Ala Lys Glu Ala Glu Asn Ile Thr Thr Gly Cys Ala Glu His

20

25

30

Cys Ser Leu Asn Glu Asn Ile Thr Val Pro Asp Thr Lys Val Asn Phe

35

40

45

-2-

Tyr Ala Trp Lys Arg Met Glu Val Gly Gln Gln Ala Val Glu Val Trp
50 55 60

Gln Gly Leu Ala Leu Leu Ser Glu Ala Val Leu Arg Gly Gln Ala Leu
65 70 75 80

Leu Val Asn Ser Ser Gln Pro Trp Glu Pro Leu Gln Leu His Val Asp
85 90 95

Lys Ala Val Ser Gly Leu Arg Ser Leu Thr Thr Leu Leu Arg Ala Leu
100 105 110

Gly Ala Gln Lys Glu Ala Ile Ser Pro Pro Asp Ala Ala Ser Ala Ala
115 120 125

Pro Leu Arg Thr Ile Thr Ala Asp Thr Phe Arg Lys Leu Phe Arg Val
130 135 140

Tyr Ser Asn Phe Leu Arg Gly Lys Leu Lys Leu Tyr Thr Gly Glu Ala
145 150 155 160

Cys Arg Thr Gly Asp
165

<210> 2

<211> 29

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 2

gaattctcga gatgggggtg cacggtgag

29

<210> 3

<211> 27

<212> DNA

<213> Artificial Sequence

-3-

<220>

<223> Description of Artificial Sequence: primer

<400> 3

aagctttcat ctgtcccctg tcttgca

27

<210> 4

<211> 2164

<212> DNA

<213> Homo sapiens

<400> 4

gaattctcga gatgggggtg cacggtgagt actcgcgggc tgggcgctcc cgccgcccgg 60
gtccctgttt gagcggggat ttagcgcccc ggctattggc caggaggtgg ctgggttcaa 120
ggaccggcga cttgtcaagg accccggaag ggggaggggg gtggggcagc ctccacgtgc 180
cagcggggac ttgggggagt ccttggggat ggcaaaaacc tgacctgtga aggggacaca 240
gtttgggggt tgaggggaag aaggtttggg ggttctgctg tgccagtga gaggaagctg 300
ataagctgat aacctgggcg ctggagccac cacttatctg ccagagggga agcctctgtc 360
acaccaggat tgaagtttgg ccggagaagt ggatgctggt agctgggggt ggggtgtgca 420
cacggcagca ggattgaatg aaggccaggg aggcagcacc tgagtgttg catggttggg 480
gacaggaagg acgagctggg gcagagacgt ggggatgaag gaagctgtcc ttccacagcc 540
acccttctcc ctccccgcct gactctcagc ctggctatct gttctagaat gtcctgcctg 600
gctgtggctt ctctgtgcc tgetgtcgct ccctctgggc ctccagtc tgggcgcccc 660
accacgcctc atctgtgaca gccgagtcct ggagaggtag ctcttgagg ccaaggaggc 720
cgagaatata acggtgagac cccttcccc gcacattcca cagaactcac gctcagggt 780
tcagggaact cctcccagat ccaggaaact ggcaattggt ttgggggtga gttgggaagc 840
tagacactgc cccctacat aagaataagt ctggtggccc caaaccatac ctggaaacta 900
ggcaaggagc aaagccagca gatcctacgg cctgtgggcc agggccagag ccttcaggga 960
cccttgactc cccgggctgt gtgcatttca gacgggctgt gctgaacact gcagcttgaa 1020
tgagaatatc actgtcccag acacaaaagt taatttctat gcctggaaga ggatggaggt 1080
gagttccttt tttttttttt ttcctttctt ttggagaatc tcatttgca gcctgatttt 1140
ggatgaaagg gagaatgatc gggggaaaagg taaaatggag cagcagagat gaggctgcct 1200
gggcgcagag gctcacgtct ataatcccag gctgagatgg ccgagatggg agaattgctt 1260
gagccctgga gtttcagacc aacctaggca gcatagttag atccccatc tctacaaaca 1320
tttaaaaaaa ttagtcaggt gaagtgggtg atggtggtag tcccagatat ttggaaggct 1380
gaggcgggag gatcgcttga gccagggaat ttgaggctgc agtgagctgt gatcacacca 1440
ctgcactcca gcctcagtga cagagttagg ccctgtctca aaaaagaaaa gaaaaaagaa 1500
aaataatgag ggctgtatgg aatacattca ttattcattc actcactcac tcactcattc 1560
attcattcat tcattcaaca agtcttattg cataccttct gtttgctcag cttgggtgctt 1620
ggggctgctg aggggcagga gggagagggt gacatgggtc agctgactcc cagagtccac 1680

-4-

tccctgtagg tcgggcagca ggccgtagaa gtctggcagg gcctggccct gctgtcggaa 1740
gctgtcctgc ggggccagge cctgttggtc aactcttccc agccgtggga gcccctgcag 1800
ctgcatgtgg ataaagccgt cagtggcctt cgcagcctca ccactctctt cgggctcttg 1860
gagcccaggt gagtaggagc ggacacttct gcttgccctt tctgtaagaa ggggagaagg 1920
gtcttgctaa ggagtacagg aactgtccgt attccttccc tttctgtggc actgcagcga 1980
cctcctgttt tctccttgge agaaggaagc catctcccct ccagatgcgg cctcagctgc 2040
tccactccga acaatcactg ctgacacttt ccgcaaactc ttccgagtct actccaattt 2100
cctccgggga aagctgaagc tgtacacagg ggaggcctgc aggacagggg acagatgaaa 2160
gctt 2164

<210> 5

<211> 27

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 5

gaattccatg ggggtgcacg aatgtcc

27